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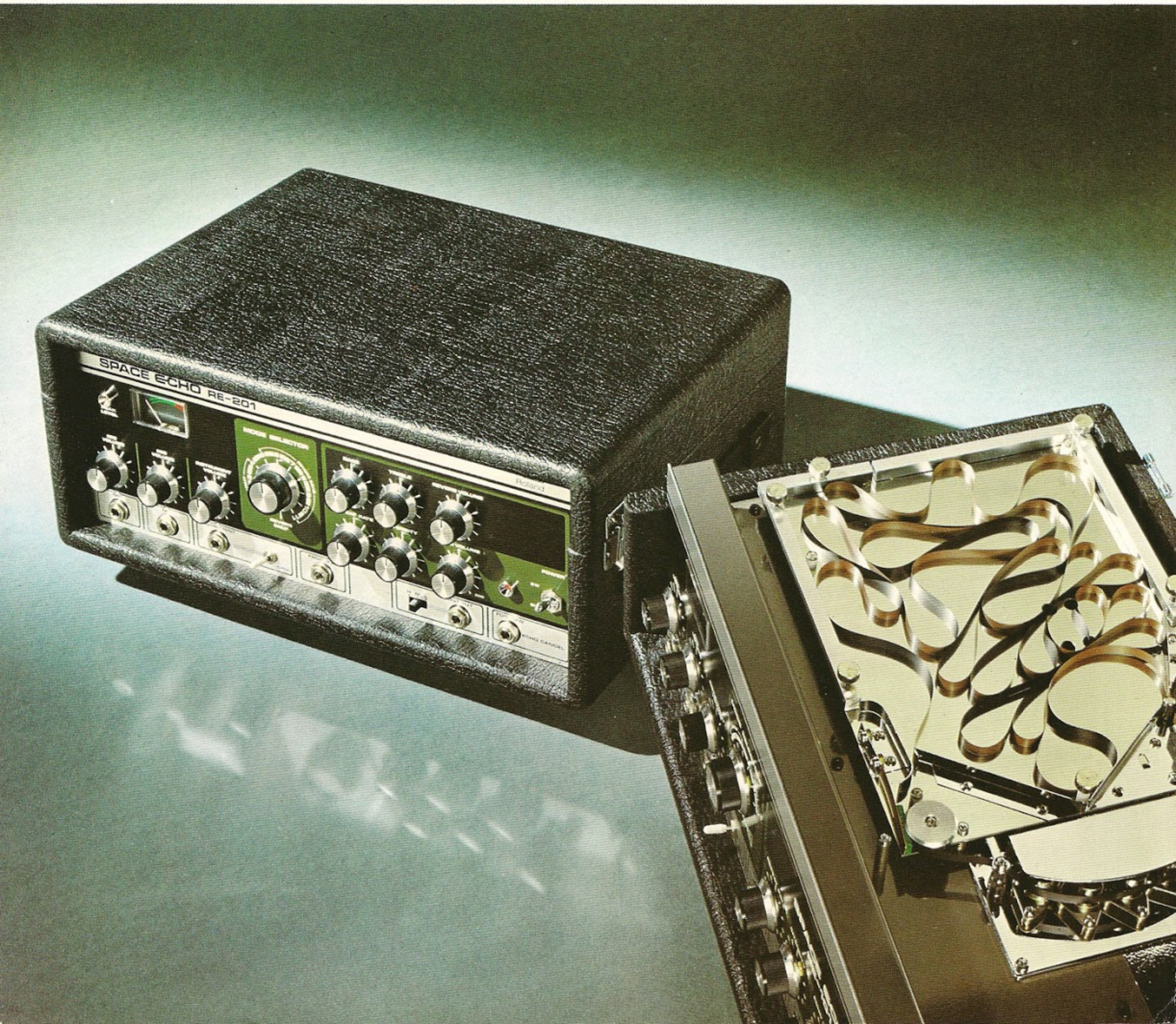
"Best" Echo Chambers Featuring Easy-to-operate Design and Well-developed Mechanism

Roland

Echo Chambers

RE-101/RE-201



Deepen the Depth of Your Music

RE-201

Initiative model with built-in reverb control and echo tone control

Practical 3-channel Input Control
The RE-101 and RE-201 are equipped with independent three channel input controls—two for microphones and one for instruments—and produce high quality sounds when these inputs are mixed using level meter and peak level pilot lamp. Also, in instrument channel, echo effect on instrument sound can be canceled with the echo/normal changeover switch. This is convenient when a microphone is used with instruments.

Rich Variation of Echo Sounds
The RE-101 provides 6 modes of echo sounds and the RE-201, 12 modes including reverb effect. These modes are further varied by the repeat rate, intensity and echo volume controls for rich echo sound variation. In the RE-201, echo sound tone can be freely adjusted by the treble and bass controls without influencing original sound. The RE-201 incorporates a reverb unit made by the O.C.E. in U.S.A. to add clear reverberation effect to echo effect.

Well-developed Mechanism with Minimal Wow & Flutter and Low Noise
Free running system (tape runs freely in the case and appropriate length and rotation of endless tape are maintained) is employed for tape running unit. Newly-engineered heads and running unit, direct drive type brushless electronic servo motor, and quality endless tape "RT-1" keep wow and flutter and noise at a minimum. Thus best echo sound is always obtainable. Furthermore, tape life is greatly prolonged to 400 hours, 10 to 20 fold, compared with conventional echo chambers, and during this time, quality of the tape is maintained.

Mode Selector
12 rich modes are available: 4 modes for echo effect, 7 for combined use of echo and reverb and 1 for reverb only.

Playback head and reverb activated by mode selector

Model		REPEAT 1	2	3	4	REVERB ECHO 5	6	7	8	9	10	11	REVERB ONLY
Playback Heads	1	●				●			●		●	●	
	2		●		●		●		●	●		●	
	3			●	●			●		●	●	●	
Reverb						●	●	●	●	●	●	●	●

Peak Level Pilot Lamp
This lamp indicates the peak of shock sound from such sounds as electric guitar in which the attack time is rapid and cannot be detected by meter. By this, exact input level adjustment is obtained.

Level Meter
Accurately indicates the input level. This level meter is interlocked with foot switch; on and off of echo effect can be seen since lamp comes on or goes off with the ON/OFF control of the foot switch.

Bass
Treble
Echo Tone Control
Bass and treble of echo sound can be controlled without impeding orignal sound for producing echo tone that fits your needs.

Reverb Volume
Depth of reverb effect can be freely controlled. The 3 spring type reverb unit made by the O.C.E. in U.S.A. produces clear reverb sound.

Repeat Rate
This controls the interval of echo sound from short to long for varying echo effect set by mode selector.

Intensity
Length of echo effect can be freely set by this control. Maximum value of echo effect length can also be ascertained by the oscilliation phenomenon.

Echo Volume
Controls the volume of echo sound. Balancing echo sound and original sound is achieved by this control.

Mic Volume
Instrument Volume
Mic and instrument volume input level controls make it possible to use two microphones and one instrument at one time. Levels can be set while mixing, with less distortion and noise.

Mic Input

Instrument Input

Echo/Normal Changeover Switch
ON/OFF control of echo effect on the instrument connected to the instrument channel is easily controlled by a flip of finger.

From P.A. Input
Input for P.A. mixer or vocal mixer.

Output
With provided 3-step output level change switch, suitable output can be selected according to the amp or mixer to be connected.

Foot Switch Jack
ON/OFF control of echo effect or reverb effect can be done with the foot switch. Also, the foot switch is interlocked with level meter lamp, and ON/OFF of echo effect can be visually ascertained by the lamp illumination.

RE-101

Standard Model with RE series standard functions

Mode Selector
6 modes of echo effect can be selected.

Playback head activated by mode selector

Mode		REPEAT 1	2	3	SWELL 4	5	6
Playback Heads	1	●			●		●
	2		●		●	●	●
	3			●		●	●

Level Meter
Mode Selector
Repeat Rate
Intensity
Echo Volume
Mic Input
Instrument Input
Echo/Normal Changeover Switch
Mic Volume
Instrument volume
From P.A. Input
Output
Foot Switch Jack

For details on control functions, refer to the explanations in the RE-201 at right.

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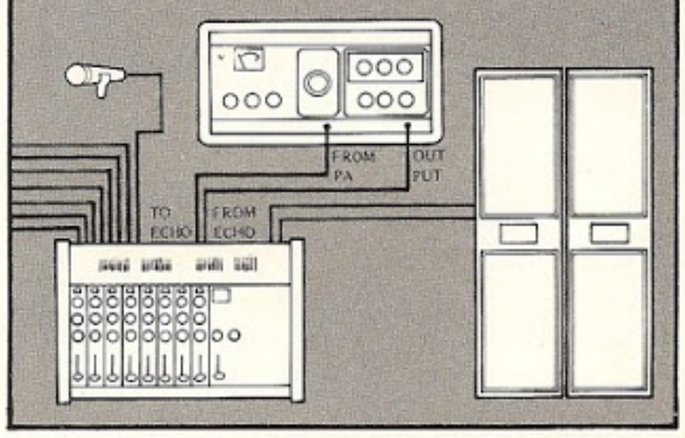
●RE Series Specifications

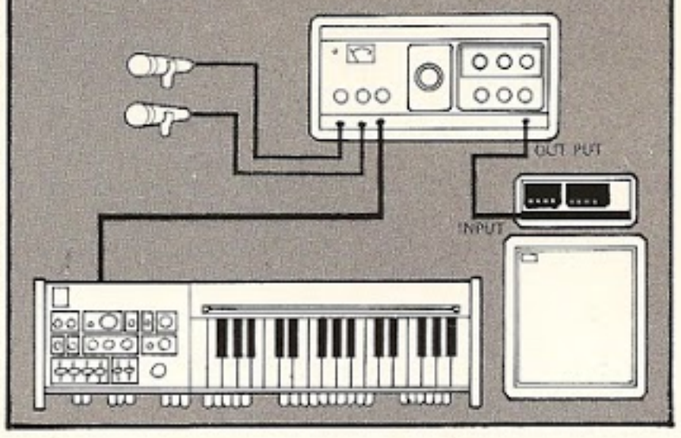
Model			RE-101	RE-201
Channel			3	3
Input	Microphone		2	2
	Instrument		1	1
	From PA		1	1
Output			1	1
Output level change switch			1 (H/M/L)	1 (H/M/L)
Foot switch jack			1	1
Control	Mode selector		1 (Rotary type 6-mode)	1 (Rotary type 12-mode)
	Repeat rate		1	1
	Intensity		1	1
	Echo volume		1	1
	Tone	Treble		1
		Bass		1
	Reverb volume			1
Level meter			1	1
Peak level pilot lump				1
Instrument channel Echo/Normal changeover switch			1	1
Power switch			1	1
Erasing head			1 (Full truck 2 channel)	1 (Full truck 2 channel)
Recording head			1 (Full truck 2 channel)	1 (Full truck 2 channel)
Playback head			3 (Full truck 2 channel)	3 (Full truck 2 channel)
Motor			Electronic servo direct drive	Electronic servo direct drive
Consumption power			14 W	14 W
Outer dimensions			415(W)x275(D)x185(H)mm(16.3"x10.8"x7.3")	415(W)x275(D)x185(H)mm(16.3"x10.8"x7.3")
Weight			9.2 kg or 20.3 lbs.	9.5 kg or 20.9 lbs.
Accessories			Connection cord x 2, foot switch (FS-1), endless tape (RT-1), cleaner, vinyl cover	Connection cord x 2, foot switch (FS-1), endless tape (RT-1), cleaner, vinyl cover

●Connection

When connecting to PA mixer or vocal mixer.



When connecting to microphone or instruments directly.



●Cartridge tape RT-1

Always use RT-1 to get quality tone.

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Specifications are subject to change without notice.

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